



2005 542539



(43) International Publication Date
26 February 2004 (26.02.2004)

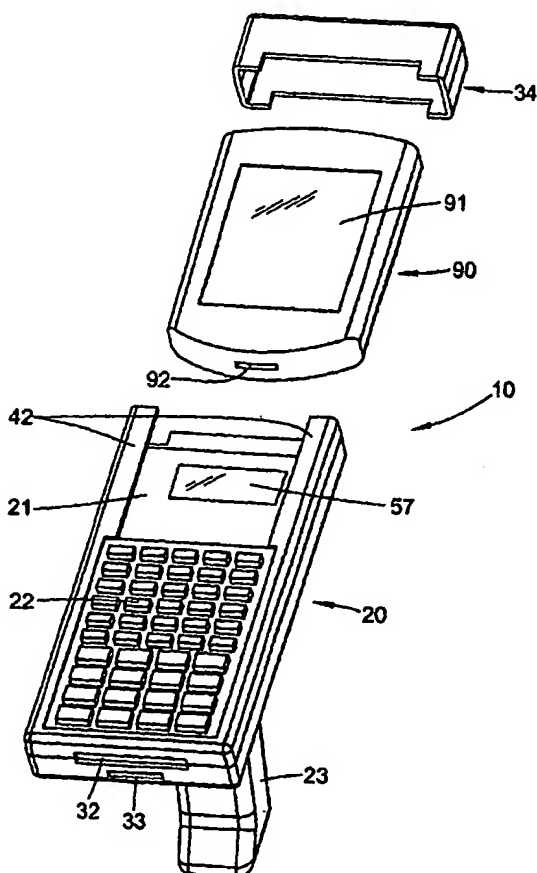
PCT

(10) International Publication Number
WO 2004/017613 A1

- (51) International Patent Classification⁷: **H04M 1/00**
- (21) International Application Number:
PCT/US2003/025577
- (22) International Filing Date: 14 August 2003 (14.08.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/404,104 15 August 2002 (15.08.2002) US
- (71) Applicant (for all designated States except US): **KHYBER TECHNOLOGIES CORPORATION [US/US]**;
3009 Smith Road, Suite 600, Fairlawn, OH 44333 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **KUMAR, Rajendra [US/US]**; 712 Stonecliff Drive, Akron, OH 44313 (US).
- (74) Agents: **CLARK, Robert, J. et al.**; Hahn Loeser & Parks LLP, 1225 West Market Street, Akron, OH 44313-7188 (US).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: PORTABLE DATA ENTRY DEVICE WITH A DETACHABLE HOST PDA



(57) Abstract: An apparatus and method are disclosed that can adapt off-the shelf PDA devices (90) to user input/output applications such as data entry applications and cellular phone applications. The resulting apparatus (10) may be sized and shaped to be durable and facilitate handheld operation when the user is mobile during use. The apparatus provides features required for portable data entry such as key entry, barcode scanning, radio frequency identification, and wireless local area network (LAN) as well as wide area network (WAN) communications. The apparatus may be operated (a) in a slave mode with inclusion of a PDA device (90) for use in certain input/output operations that are processor intensive as well as (b) in a stand-alone mode without inclusion of a PDA device (90) for use in certain other input/output operations that are not processor intensive.

WO 2004/017613 A1



Published:

- with international search report
- with amended claims

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/25577

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04M 1/00
US CL : 455/556.2

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 455/556.2, 556.1, 557, 566, 575.1, 90.3

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,835,732 A (KIKINIS et al.) 10 November 1998 (10.11.1998), abstract; figs. 5, 11, 17; col. 8: line 55 - col. 9: line 22; col. 14: lines 27-63; col. 17: lines 7-33	1-30
X	US 6,266,539 B1 (PARDO) 24 July 2001 (24.07.2001), figs. 10a, 10b; col. 9: lines 21-27	1, 8, 16, 18, 19, 24
A	US 6,188,917 B1 (LAUREANTI) 13 February 2001 (13.02.2001), abstract, figs. 1-3; col. 2: lines 38-60	1-30

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

25 November 2003 (25.11.2003)

Date of mailing of the international search report

15 DEC 2003

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (703)305-3230

Authorized officer

Erika A. Gary

Telephone No. 703-305-4764

PCT/US03/25577

AMENDED CLAIMS

[received by the International Bureau on 10 February 2004 (10.02.04);
original claims 1-30 replaced by new claims 1-30 (4 pages)]